ABSTRACT OF THE DISCLOSURE

A grain bin monitoring system for efficiently monitoring remote grain bins. The grain bin monitoring system includes a main station, a central unit in communication with the main station, a plurality of transmitter units in communication with the central unit, and at least one sensor positionable within a grain bin for determining condition data with respect to a grain bin. The sensor is in communication with one of the transmitter units for providing the condition data to the transmitter unit, wherein the transmitter unit automatically forwards the condition data to a central unit that automatically forwards the condition data to the main station. In the event of an alarm condition, an individual may be notified.